

Flow rate sensors for fluid media with an end value of 1...10 l/min | SDN 510 GSP

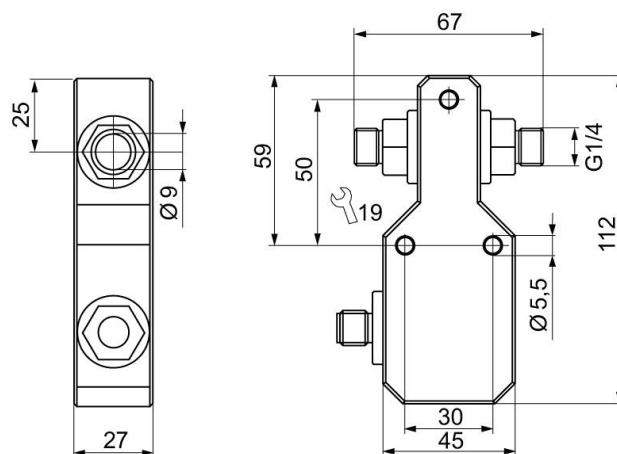
- Flow rate sensor with amplifier
- Robust, compact housing from glass fibre reinforced PBT
- Switching output PNP-NO
- Detection range 0,01...6 l/min



TYPE	SDN 510 GSP
Product ID	P11248
Medium	water
Detection range water	0.01 l/min ... 6 l/min
Working range	0.1 l/min ... 6 l/min
Inner diameter d	9 mm
Process connection	G1/4
Sensor length L	68 mm
Output	switching output
Output function	PNP-NO
Supply voltage	24 V DC +/- 10 %
Current consumption max.	50 mA
Switching current max.	200 mA (20 °C)
Reverse polarity protection	✓
Voltage drop max.	2.5 V
Ambient temperature	0 °C ... 60 °C
Medium temperature	0 °C ... 80 °C
Temperature gradient fluids	400 K/min
Start-up time typ.	5 s ... 15 s
Reaction time typ.	1 s (0.5 s ... 10 s)
Compressive strength	20 bar

Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	PBT
Protection [EN 60529]	IP 67
Electrical connection	M12 connector
Accessories	connecting cable SLG, SLW, SBG, SBW, mounting bracket
Accessories (in scope of delivery)	4 x gasket G1/4 AFM 34, Screwdriver

Technical Image



Pin Map

